

**myPOS™**

**D210 | En**

Technical Specification  
& Warranty

## Supported connections

Your new myPOS D210 (D210 in short) requires an internet connection in order to work properly. The internet connection can be established via Bluetooth, Wi-Fi and GPRS (SIM card). Simply connect your myPOS to the internet using your mobile phone (via Bluetooth or personal hotspot), a wireless router or GPRS connection. For further information on how to establish a connection, please refer to our Quick User Guide, available at <[www.myPOS.eu/resources](http://www.myPOS.eu/resources)>.

Please find the supported connection types per operating system here below:

Connection Type	via Wireless Router	via SIM card	via Smartphone		
			iOS Requires iOS 6.0 or later	Android Requires Android 3.0 or later	Windows Phone Requires Windows Phone 8.0 or later
Bluetooth	✗	✗	✓ *	✓ *	<i>This connection type is not supported for the OS</i>
Wi-Fi	✓ **	✗	<i>This connection type is not supported for the OS</i>	✓ **	✓ **
GPRS	✗	✓ ***	✗	✗	✗

\* In order to use this connection type, you will need to download and install the free IPay Mobile App on your smartphone. Once you switch on Bluetooth and start the IPay Mobile App and log on to the system.



If you still do not have tried our IPay Mobile App, just scan the QR code on the left and keep track of your transactions at a glance.

\*\* The supported encryption methods for Wi-Fi networks are WPA and WPA2.

\*\*\* Make sure your SIM card has the GPRS service activated

## Certifications & EMV

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EC Declaration of conformity: The manufacturer PAX Technology Limited, China, declares that this product is compatible with the essential and other requirements of EC Directives R&TTE 1999/5/CE and related EC Directives and carries the CE mark accordingly a copy of the EC Declaration of conformity is available at [www.mypos.eu/compliance](http://www.mypos.eu/compliance).

# D210 specification

## **Processor**

32-bit secure processor, 96MHz

## **Memory**

64MB (32MB Flash, 32MB SDRAM)

## **Keypad**

10 numeric keys & 5 function keys

## **Display**

2.4 inch TFT LCD

## **Communication**

Bluetooth / Wi-Fi / GPRS

## **Peripheral Ports**

1 x Multi-Single mini HDMI port

## **Magnetic card reader**

Triple track (Track1 / 2 / 3) Bi-directional

## **Smart Card Reader**

EMV L1 & L2 certified

## **Contactless Card Reader**

13.56MHz, ISO14443, Type A/B, NFC  
PayPass, PayWave certified

## **Card slots**

2 SAMs and/or 2SIMs Communication  
Bluetooth / Wi-Fi / GPRS

## **Security**

PCI PTS 3.x certified

## **Printer**

Thermal printer, speed:18 lines per second; Paper roll width / diameter: 58mm / 38mm

## **Voltage**

Input 100 - 240V AC, 50 / 60 Hz, 0.8A

Output 12VDC, 2A

## **Environmental**

0°C to 50°C (32°F to 122°F) operating temperature

-20°C to 70°C (-4°F to 158°F) storage temperature

10% to 93% relative humidity, non-condensing

## **Weight**

365g with battery

## **Physical**

Length: 162.5mm

Width: 82.5mm

Height: 56.5mm

## **Battery**

Li-ion battery 1300mAh, 3.7V

## **Certifications**

PCI PTS 3.x

EMV L1 & L2

MasterCard PayPass

Visa payWave

EMV Contactless L1

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**Manufacturer:** PAX Technology Limited

**Address:** Room 2416, 24/F; Sun Hung Kai Centre, 30 Harbour Road,  
Wanchai, Hong Kong

# Safety Instructions

## General Safety Information

- Use only the provided AC adapter. There is a risk of explosion and fire and device damage if other adapters are used.
- Never expose your device to extreme temperatures. There is a risk of explosion and fire.
- Switch off the device immediately if it starts to emit smoke, unusual odors or noises. If you continue to use the device under such circumstances, there is a risk of fire and electric shock. Have the device repaired by qualified personnel service.
- Do not allow foreign matter to fall into the equipment. Penetration of foreign objects may lead to fire or shock.
- Only operate your D210 terminal with the accessories supplied. The use of other accessories will lead to malfunctioning.
- Do not expose the unit to extreme weather conditions such as rain, hail, strong sunlight or snow. In case of damage, the unit must be examined by customer service for possible faults.
- Do not insert any objects that do not meet the specified purpose into the openings on the casing or the card slots. This will cause damage to the casing or card reader.
- Please put the D210 device, battery and equipment out of reach of children to prevent swallowing of parts by children, causing injury to children or others, or damage to the objects themselves.
- The terminal does not contain any parts to be serviced by the user and therefore must not be opened. If opened, the warranty is rendered null and void.
- Do not drop, knock or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- The D210 device is equipped with a Wi-Fi interface for wireless communication. Never use the device in environments where it could cause interference (airplanes, hospitals, etc).

## Safety information for battery pack

- Only use the battery model included with the delivery.
- Do not subject the battery to extreme heat.
- Never short-circuit any contacts due to risk of explosion.
- Charging temperature is 0-40° C.

- Only use the supplied charger.
- Do not store below -20°C or above 70°C.
- Do not apply pressure to the battery.
- Do not disassemble, puncture or damage the battery.

## **Maintenance**

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not use compressed air to clean the unit or its components or to remove dust.
- Make sure that you do not scratch the touch screen surface.
- Make sure that you keep the charging contacts clean.

# Let's get started

## Overview

**1** Turn ON / Turn OFF button

**2** Magnetic strip card reader

**3** USB slot for recharge cable

**4** Chip-card reader

**5** Display

**6** Keypad

**7** Printer



## Keypad - touch buttons

To navigate through your D210 device, the main function buttons are:

**F1** Opens the Menu screen for choosing Transaction type

**F2** Opens the Settings screen

**X** Cancels the operation and goes back to the previous screen

**O** Approves the entry and goes to the next screen

**<** Deletes entry

## Alpha-numeric keyboard

If you need to input letters or any special characters on your D210 device, you will need to press the relevant number key button as many times as needed to select the required character.

Please find below a specification of all additional characters and how you can select them:

Key button	Additional characters for each key button								
1	1	Q	Z	.	1	q	z	.	
2	2	A	B	C	2	a	b	c	
3	3	D	E	F	3	d	e	f	
4	4	G	H	I	4	g	h	i	
5	5	J	K	L	5	j	k	l	
6	6	M	N	O	6	m	n	o	
7	7	P	R	S	7	p	r	s	
8	8	T	U	V	8	t	u	v	
9	9	W	X	Y	9	w	x	y	
0	0	\	*	,	[space]	#	:	;	
	+	-	=	?	\$	&	%	!	
	~	@	^	( )			/	-	
	[ ]	{ }		<		>	`	'	
	"								

## Charging

The terminal displays the Battery Power status as a number of bars. There are a number of factors that can affect the rate of Battery drainage, for example:

- Length of time off the charger
- Time before sleep mode is activated
- Time between transactions

Please check the battery status prior to initiating any action on the terminal. Should it indicate 'very low' (no bars) or 'no power' you should recharge the battery.

When you turn ON your D210 device for the first time, you need to charge it. Input the cable for recharge in the charging slot (point 03).



**Caution:** Rechargeable battery needs to be replaced if it has been used for two years. If Rechargeable battery is not original shape, or overheated, please replace with a new battery.

Do not use any other external cables other than the specified and/or supplied ones. Ensure that the cable is routed to prevent damage or accidental contact. This device is intended for use when supplied with power from a low voltage external power supply.

## Warranty and Return Policy

**Important:** The product, including D210 device and myPOS Business Card ("the product") is not covered by Consumer law, including EC Directives on Consumer Protection and Distance selling Directives. This product is not designated to consumers, meaning any natural person who is acting for purposes, which are outside his trade, business, craft or profession. This product represents financial services and is designated only for accepting of payments for services or goods offered by natural or legal persons with a legal business activity, acting as professionals, sole traders, traders, merchants, self-employed or otherwise selling goods or services.

## **Replacement of myPOS Package with defect:**

- Client must not open the POS terminal device and must not try to repair the defect by himself/herself. This will be deemed as a defect caused by Client and iPay International will not be liable for its obligations under the Return Policy.
- Client may return the full package of myPOS Package, including D210 device and myPOS Business Card, within a deadline of 1 (one) year as of the date of receipt of myPOS Package by Client upon completion of the conditions precedents stated in the Return Policy, available at [www.myPOS.eu/legal](http://www.myPOS.eu/legal).
- Some Distributors may provide post sale customer support and may be able to take back the defect D210 device. Please contact first your Distributor or Agent and check for post sale customer support and if there is not such, please proceed as instructed by this Return Policy.
- The guarantee of iPay International S.A. does not cover any cables, accessories, plugs, or power supply units or other items, different from the D210 devices and myPOS Business Card in myPOS Package.

Please read the full text of the Return Policy available at [www.myPOS.eu/legal](http://www.myPOS.eu/legal) prior to registration for the service and activation of the myPOS Package.

## **Important: Disposal:**



You are not allowed to dispose of the D210 device, including its battery, cables or other components with the general household waste. If your D210 is not functioning you have to send it for repair by following the Return policy available at [www.myPOS.eu/legal](http://www.myPOS.eu/legal).